

This Page Is Inserted by IFW Operations
and is not a part of the Official Record

BEST AVAILABLE IMAGES

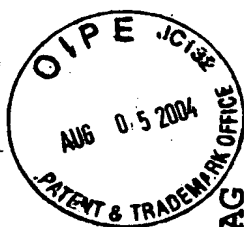
Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

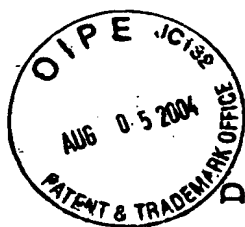
IMAGES ARE BEST AVAILABLE COPY.

**As rescanning documents *will not* correct images,
please do not report the images to the
Image Problem Mailbox.**



1 C G G G C C T G A G A C T G G G T G A C T G G G A C C T A G A G A T C C T G A G C T G G A G G C C C C G A C A G
61 C T G C T C T C G G A G C C G C C T C C G A C A C C G A G C C C G C G C C T C C C G C T C C C G C T C
121 C C G G C T C C T G G C T C C C T C C G C C C C C C C C T C G C C C C G C G C C G C G A G A G G C C C G C T
181 C C C G G T C G A C G C C T G G G T C T C C C G G A G A G C G A T G A G A G G T G T C T G A A G G T G G C T A T
241 T C A C T G A C G C A T G G G T T G G A C T T G A A G G A T G C C A A G A G A T G C T G C C C C A C C C C C T T A
M G P E A L S S L L L L L L
1 G G C C C G A G G A T C A G G A G C T A T G G G A C C A G A G C C C T G T C A T C T T T A C T G C T G C T G C T C T
301 V A S G D A D M K G H F D P A K C R Y A
15 T G G T G G C A A G T G G A G A T G C T G A C A T G A A G G G A C A T T T T G A T C C T G C C A A G T G C C G C T A T G
361 L G M Q D R T I P D S D I S A S S W S
35 C C C T G G G C A T G C A G G A C C G G A C C A T C C C A G A C A G T G A C A T C T C T G C T T C C A G C T C C T G G T
421 D S T A A R H S R L E S S D G D G A W C
55 C A G A T C C A C T G C C G C C C C A C A G C A G G T T G G A G A G C A G T G A C G G G G A T G G G C C T G G T
481 P A G S V F P K E E E Y L Q V D L Q R L
75 G C C C C G A G G T C G G T G T T T C C C A A G A G A G G A G T A C T T G C A G G T G A T C T A C A C G A C
541 H L V A L V G T Q G R H A G G L G K E F
95 T C C A C C T G G T G G C T C T G G T G G C A C C C A G G A C G G C A T G C C G G G G C C T G G G C A A G G A G T
601

FIG.1A



115 S R S Y R L R Y S R D G R R W M G W K D
661 TCTCCGGAGCTACCGCTGCGTTACTCCCGGATGTCGCCGCTGGATGGCTGGAAGG
135 R W G Q E V I S G N E D P E G V V L K D
721 ACCGCTGGGTCAGGAGGTGATCTCAGGCAATGAGGACCCCTGAGGGAGTGGTCTGAAGG
155 L G P P M V A R L V R F Y P R A D R V M
781 ACCTTGGCCCCCATGTTGCCCGACTGGTTCGCTTCTACCCCGGCTGACCGGTCA
175 S V C L R V E L Y G C L W R D G L L S Y
841 TGAGTGTCTGTCGGGTAGAGCTCTATGGCTGCCCTCTGGAGGATGGACTCCTGTCTT
195 T A P V G Q T M Y L S E A V Y L N D S T
901 ACACCGCCCTGTGGGCAGACAATGTATTATCTGAGGCCGTGTACCTCAACGACTCCA
215 Y D G H T V G G L Q Y G G L G Q L A D G
961 CCTATGACGGACATACCGTGGCGGACTGCAGTATGGGGTCTGGGCCAGCTGGCAGATG
235 V V G L D D F R K S Q E L R V W P G Y D
1021 GTGTGGTGGGCTGATGACTTTAGGAAGAGTCAGGAGCTCGGGTCTGGCCAGGCTATG
255 Y V G W S N H S F S S G Y V E M E F E F
1081 ACTATGTGGATGGAGCAACCACAGCTTCTCCAGTGGCTATGTGGAGATGGAGTTTGAGT

FIG.1B



275 D R L R A F Q A M Q V H C N N M H T L G
1141 TTGACCGGCTGAGGCCCTTCCAGGCTATGCAGGTCCACTGTAAACAATGCACACGCTGG
295 A R L P G G V E C R F R R G P A M A W E
1201 GAGCCCGTCTGCCCTGGCGGTGAATGCTCGCTTCCGGCGTGGCCCTGCCATGGCCTGGG
315 G E P M R H N L G G N L G D P R A R A V
1261 AGGGGAGCCCATGCGCCACAACCTAGGGGGCAACCTGGGGACCCAGAGCCCGGGCTG
335 S V P L G G R V A R F L Q C R F L F A G
1321 TCTCAGTGCCCGCTTGGCGCGTGCTGGCTTCTGCAGTGCCGCTTCTCTTTGCGG
355 P W L L F S E I S F I S D V V N N S S P
1381 GGCCCTGGTTACTCTTCAGCGAAATCTCCTTCACTCTGATGTGGTGAACAATTCCTCTC
375 A L G G T F P P A P W P P G P P P T N
1441 CGGCACTGGGAGGCACCTTCCCGCCAGCCCCCTGGTGGCCGCTGGCCACCTCCACCA
395 F S S L E L E P R G Q Q P V A K A E G S
1501 ACTTCAGCAGCTTGGAGCTGGAGCCAGAGCCAGCAGCCCGTGGCCAGGCCGAGGGGA
415 P T A I L I G C L V A I I L L L L I I
1561 GCCGACCGCCATCCTCATCGGCTGCCCTGGTGGCCATCATCTGCTCTGCTGCTCATCA

FIG.1C



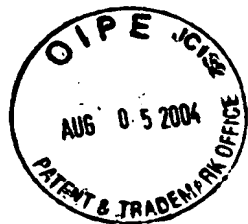
435 A L M L W R L H W R R L L S K A E R R V
1621 TTGCCCTCATGCTCTGGGGCTGCACTGGCGAGGCTCCTCAGCAAGGCTGAACGGAGGG
455 L E E E L T V H L S V P G D T I L I N N
1681 TGTGGAAGAGGAGCTGACGGTTACCTCTCTGTCCCTGGGACACTATCTCATCAACA
475 R P G P R E P P P Y Q E P R P R G N P P
1741 ACCGCCAGGTCCTAGAGAGCCACCCCGTACCAGGAGCCCCGGCCTCGTGGGAATCCGC
495 H S A P C V P N G S A L L L S N P A Y R
1801 CCCACTCCGCTCCCTGTGTCCCAATGGCTCTGCGTTGCTGCTCTCCAATCCAGCCTACC
515 L L L A T Y A R P P R G P G P P T P A W
1861 GCCTCCTTCTGGCCACTTACGCCCTCCCGTCCCGCTCGAGGCCCGGGCCCCCACACCCGCT
535 A K P T N T Q A Y S G D Y M E P E K P G
1921 GGGCCAAACCCACCAACACCCAGGCCCTACAGTGGGACTATATGGAGCCTGAGAAGCCAG
555 A P L L P P P P Q N S V P H Y A E A D I
1981 GCGCCCCGCTTCTGCCCCCACCCTCCCGAAGACAGCGTCCCCCATTTATGCCGAGGCTGACA
575 V T L Q G V T G G N T Y A V P A L P P G
2041 TTGTTACCTGCAGGGGCTACCGGGGCAACACCTATGCTGTGCTGCTGCACTGCCCCCCAG

FIG.1D



595 A V G D G P P R V D F P R S R L R F K E
2101 GGCAGTCGGGATGGCCCCCAGAGTGGATTTCCTCGATCTCGACTCCGCTTCAAGG
615 K L G E G Q F G E V H L C E V D S P Q D
2161 AGAAGCTTGGCGAGGCCAGTTTGGGAGGTGCACCTGTGTGAGGTGACAGCCCTCAAG
635 L V S L D F P L N V R K G H P L L V A V
2221 ATCTGGTCAGTCTTGATTTCCTCCCTTAATGTGCGTAAGGGACACCCCTTTGCTGGTAGCTG
655 K I L R P D A T K N A S F S L F S R N D
2281 TCAAGATCTTACGGCCAGATGCCACCAAGAAATGCCAGCTTCTCCTTGTCTCCAGGAATG
675 F L K E V K I M S R L K D P N I I R L L
2341 ATTTCTGAAAGAGGTGAAGATCATGTGCGAGGCTCAAGGACCCCAACATCATTCGGCTGC
695 G V C V Q D D P L C M I T D Y M E N G D
2401 TGGCGTGTGTGTCAGGACGACCCCTCTGTCATGATTACTGACTACATGGAGAACGGCG
715 L N Q F L S A H Q L E D K A A E G A P G
2461 ACCTCAACCAGTTCCTCAGTGGCCACCAGCTGGAGGACAAGGCAGCCGAGGGGGCCCCCTG
735 D G Q A A Q G P T I S Y P M L L H V A A
2521 GGGACGGCAGGCTGCGCAGGGGCCACCATCAGCTACCCAATGCTGCTGTCATGTGGCAG

FIG.1E



755 Q I A S G M R Y L A T L N F V H R D L A
2581 CCCAGATCGCCTCCGGCATGCGCTATCTGGCCACACTCAACTTTGTACATCGGGACCTGG
775 T R N C L V G E N F T I K I A D F G M S
2641 CCACGCGAACTGCCTAGTTGGGAAATTTACCATCAAAATCGCAGACTTTGGCATGA
795 R N L Y A G D Y Y R V Q G R A V L P I R
2701 GCCGGAACCTCTATGCTGGGACTATTACCGTGTGCAGGGCCGGCAGTGCTGCCCCATCC
815 W M A W E C I L M G K F T T A S D V W A
2761 GCTGGATGGCCTGGAGTGCATCCTCATGGGGAAGTTACAGACTCGGAGTGACGTGTGGG
835 F G V T L W E V L M L C R A Q P F G Q L
2821 CCTTTGGTGTGACCCCTGTGGAGGTGCTGATGCTCTGTAGGGCCAGCCCTTTGGGCAGC
855 T D E Q V I E N A G E F F R D Q G R Q V
2881 TCACCGACGAGCAGGTGATCGAGAACGCGGGGAGTTCTTCCGGGACCAGGGCCGGCAGG
875 Y L S R P P A C P Q G L Y E L M L R C W
2941 TGTACCTGTCCCGCCCTGCTGCCCGCAGGGCCATATGAGCTGATGCTTCGGTGCT
895 S R E S E Q R P P F S Q L H R F L A E D
3001 GGAGCCGGAGTCTGAGCAGCAGCACCCCTTTTCCAGCTGCATCGGTTCTCTGGCAGAGG

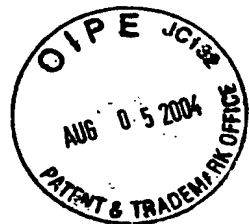
FIG.1F



915 A L N T V
3061 ATGCACTCAACACGGTGTGAATCACACATCCAGCTGCCCCCTCCCTCAGGGAGTGATCCAG

3121 GGAAGCCAGTGACACTAAACAAGAGGACACAATGGCACCTCTGCCCCCTCCCCCTCCCGA
3181 CAGCCCATCACCTCTAATAGAGGCAGTGAGACTGCAGGTGGCTGGGCCACCCAGGGAG
3241 CTGATGCCCTTCTCCCTTCCCTGGACACACTCTCATGTCTCCCTTCTCTTCTTCTTCC
3301 TAGAAGCCCCCTGTGCGCCCCACCCAGCTGGTCTGTGGATGGGATCCTCTCCACCCCTCTCT
3361 AGCCATCCCTTGGGAAGGTGGGAGAAATATAGGATAGACACTGGACATGGCCCCATGTG
3421 GAGCACCTGGGCCCCACTGGACACACACTGATTCCTGGAGAGGTGGCTGCGCCCCAGCTTC
3481 TCTCTCCCTGTACACACACTGGACCCCACTGGCTGAGAACTCTGGGGGTGAGGAGGACAAGA
3541 AGGAGAGGAATAATGTTTCTTGTGCTCTGCTCTGTACTTGTCTCAGCTTGGGCTTCTTCT
3601 CTCTTCCATCACCTGAACACACTGGACCTGGGGGTAGCCCCGCCCTCAGCTCAGTCAACCC
3661 CCACCTCCACTTGCAGTCTTGTAGCTAGAACTTCTCTAAGCCTATACGTTTCTGTGGAG
3721 TAAATATTGGGATTGGGGGAAGAGGGAGCAACGGCCCCATAGCCTTGGGGTTGGACATC
3781 TCTAGTGTAGCTGCCACATTTGATTTTCTATAATCATCTTGGGGTTGTACATTTTGGGG
3841 GGAGAGACACAGATTTTACACTAATAATATGGACCTAGCTTGAGGCAATTTTAATCCCCCT
3901 GCACTAGGCAGGTAATAATAAAGGTGAGTTTTCACAAATAAATAAATAAACCAGGAAT
3961 TC

FIG.1G



Axel ULLRICH et al.
DNA ENCODING MCK-10, A NOVEL
RECEPTOR TYROSINE
Atty. Dkt. No. 034536-0447
SN 09/551,188

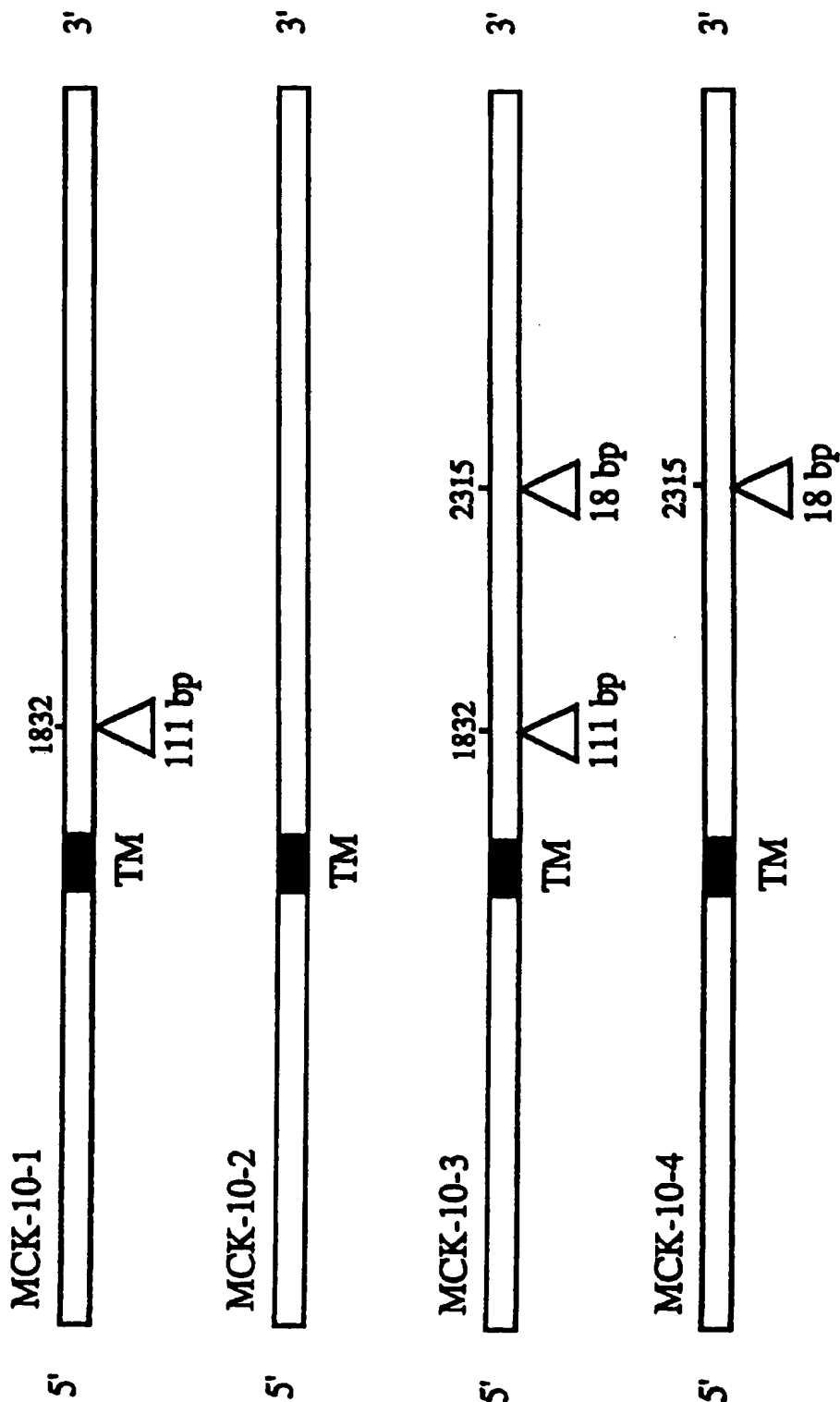
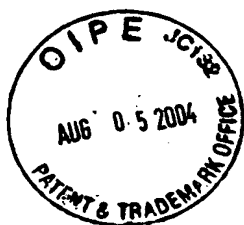


FIG.2



gcacgagcggcagcagglccatgatctcttccatccctcccttccctglltgctcacttct 61
2 —————
cgtgctcgccgtgctcagglactagagaaaggtagggaggaaaggacttccgagtgaaag
b —
tllcttgctcatcttggagactgtgcaolcccagolaaactacaacagagaaagagctgg 121
62 —————
aaagaacagagtagaaccctcagacagllagggtctaatgaglltgctctctcagacc
b —
tgatagctccagagctcagagaaaggaggtctcttccaaagagctggctctcaagcc 181
122 —————
actatcagaggctcagagctcttccctcagagaaatgtcttccagaccagaggttccg
b —
tccatcaaggaggacctacaagltgcclggggltcagtgctctagaaagltccaaggttt 241
182 —————
aggtagtccctctggatgtlcaacggaccccaagtcacgagatcttccaaggttccaa
b —
glggcttgaattattctaaagaaagctgaatgaatgaagagaaagcagagggccagctgttt 301
242 —————
caccgaacttaataagatllcttccagcttattcaactctctcagctcaggtcagacaa
b —
ttgaggatcctgctccacagagaaatgctctgcacccgttgatactccagltccaacacca 361
302 —————
aacctcagggacgaggtgctcttccagagcgtgggcaactatgaggtcaaggttggtg
b —
tcttctgogotgatcctgatccacagaaatgctcttgggtgctgttctgctgctgcctatc 421
362 —————
agaagactctactaggacaaagggtctacagaaaccagacaaggacgacgacggatag
b H I L I P R M L L V L F L L L P I —
ttgogltctgcaaaagctcaggttaactccagctatagccgctatcctctgggcatgtca 481
422 —————
aacctcaagacgttllcaggtccaaatagggtcagatolacggcagataggagaccgltacgt
b L S S A K A Q V N P A I C R Y P L G M S —
ggaggccagatccagatgaggacatcacagcttccagtcagtggtcagagltccacagct 541
482 —————
cctccggctcaaggctactcctglogtgcgaaggltcagtcaccaggtcaggtgtcga
b G G Q I P D E D I T A S S Q W S E S T A —

FIG.3A



542 gcccaatgatggaaggctggactcagaagaagggatggagcctggcctggagatccca 601
cggtttataccctccgacctgagctctctccctaccctcggaccacgggactctaaggc
b A K Y G R L D S E E G D G A W C P E I P -
602 gtggaacctgatgacctgaaggagttctgcagattgacctgcacacctccattttatc 661
caccttggactactggacttccctcaagacgctcgaactgaacgtgtggggagtaaaatag
b V E P D D L K E F L Q I D L H T L H F I -
662 actctgggtggggaccaggggcgccgagcaggaggctcctggcctcgagtttgcacctg 721
tgagaccaccttgggtccctcgagctcgtctccagctaccgtagctcaaacgggggloc
b T L V G T Q G R R A G G H G I E F A P M -
722 tacaagatcaattacagctcgggatggcactcgtctggatctcttggcgggaacctgctggg 781
atgttctogttaatgtcagccctaccgtgagcgacctagagaacctgccttggcagctacc
b Y K I N Y S R D G T R W I S W R N R H G -
762 aaacaggctgctggatgggaatagtaacctatgacatttctcaaggacttggagccg 841
tttgcacacgacctaccctttatcatlggggatctgtaaaaggatttcttgaacctcggc
b K Q V L D G N S N P Y D I F L K D L E P -
842 cccattgtagccagatttgcaggctcattccagctaccgacctccatgaatgttgt 901
gggtaacatcggctcaaacaggccaagtgaaggtcagtggtgggtacttccacaca
b P I V A R F V R F I P V T D H S M N V C -
902 atgagagtgagactttaccgCTGTGTCTGGCTAGATGGCTTGGTGTCTTACAATGCTCCA 961
tactctacctcgaatgccGACACAGACCGATCTACCGAACCACAGAATGTTACGAGGT
b M R V E L Y G C V W L D G L V S Y N A P -

FIG.3B



962 GCTGGGCAGCAGTTTGTACTCCCTGGAGGTTCCATCATTATCTGAATGATTCTGTCTAT 1021
CGACCCGTCGTCAAACATGACGGACCTCCAAGGTAGTAAATAGACTTACTAAGACAGATA

b A G Q Q F V L P G G S I I Y L N D S V Y -

1022 GATGGAGCTGTTGGATACAGCATGACAGAAGGGCTAGGCCAATTGACCGATGGTGTGTCT 1081
CTACCTCGACAACCTATGTCGTACTGTCTTCCCGATCCGGTAACTGGCTACCACACAGA

b D G A V G Y S M T E G L G Q L T D G V S -

1082 GGCCTGGACGATTTACCCAGACCCATGAATACCACGTGTGGCCGGCTATGACTATGTG 1141
CCGGACCTGCTAAAGTGGGTCTGGGTACTTATGGTGCACACGGGCCGATACTGATACAC

b G L D D F T Q T H E Y H V W P G Y D Y V -

1142 GGCTGGCGGAACGAGAGTGCCACCAATGGCTACATTGAGATCATGTTTGAATTTGACCGC 1201
CCGACCGCCTTGCTCTCACGGTGGTTACCGATGTAACCTAGTACAACTTAACTGGCG

b G W R N E S A T N G Y I E I M F E F D R -

1202 ATCAGGAATTTCACTACCATGAAGGTCCACTGCAACAACATGTTTGCTAAAGGTGTGAAG 1261
TAGTCCTTAAAGTGATGGTACTTCCAGGTGACGTTGTTGTACAAACGATTTCCACACTTC

b I R N F T T M K V H C N N M F A K G V K -

1262 ATCTTTAAGGAGGTACAGTGCTACTTCCGCTCTGAAGCCAGTGAGTGGGTACCTAATGCC 1321
TAGAAATTCCTCCATGTCACGATGAAGGCGAGACTTCGGTCACTCACCCATCGATTACGG

b I F K E V Q C Y F R S E A S E W V P N A -

1322 ATTCCTTcccccttgtccttggatgacgtcaaccccgltcgtcggttltgtcacggltgcct 1381
TAAAGGAagggggaocaggacctaactgcagltgggtcacgagccaaocaglgccacgga

b I S F P L V L D D V N P S A R F V T V P -

FIG.3C

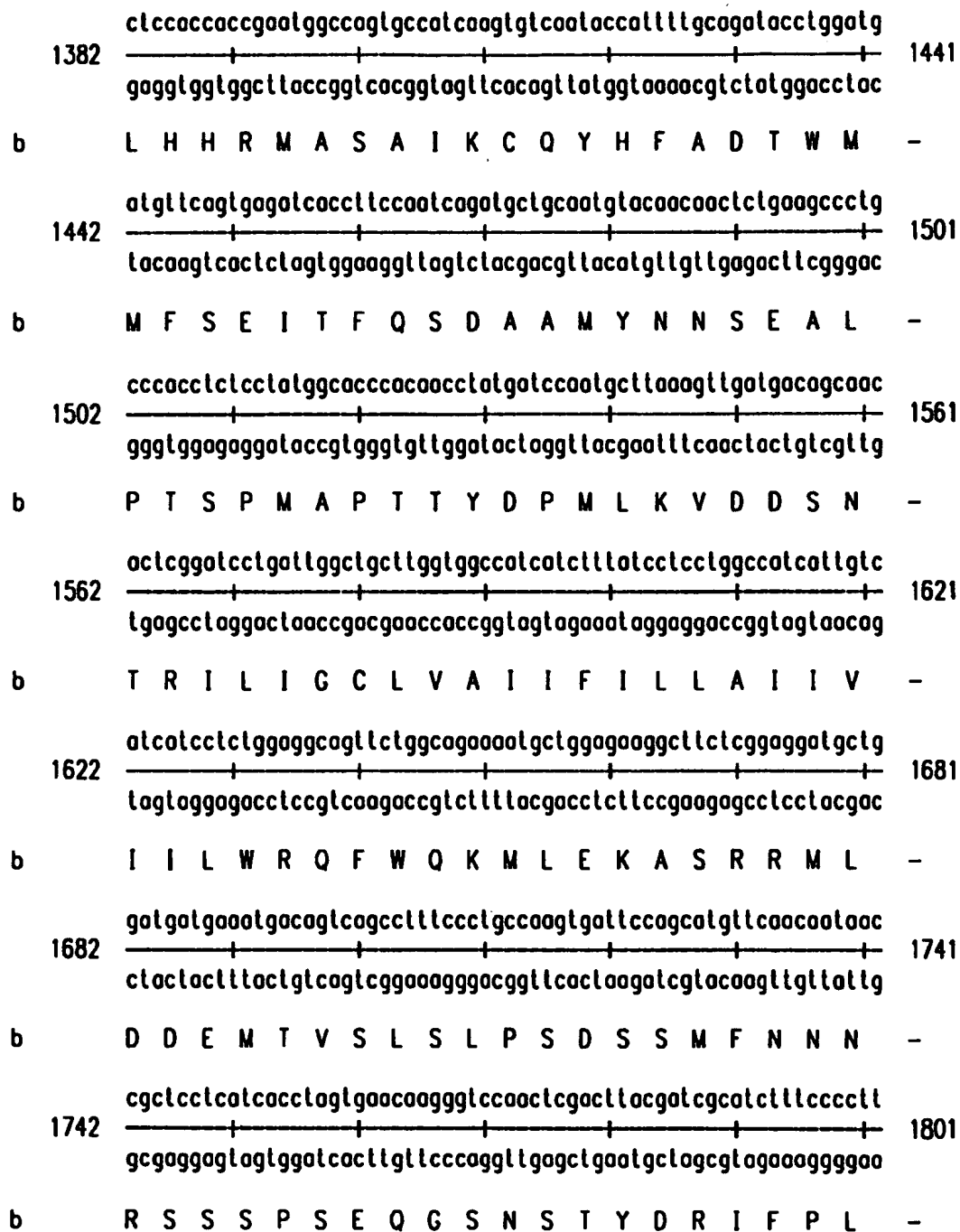


FIG.3D

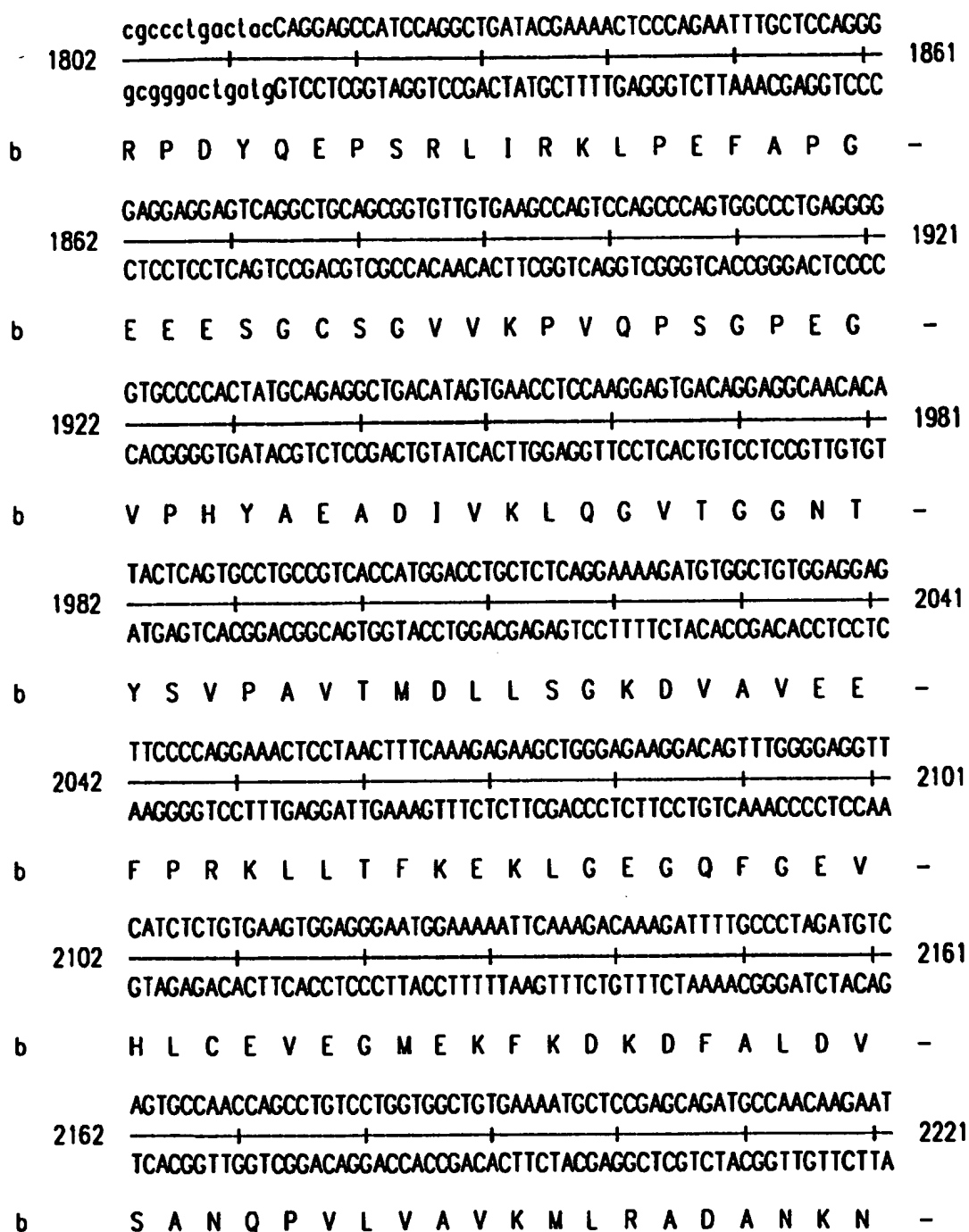


FIG.3E



2222 GCCAGGAATGATTTTCTTAAGGAGATAAAGATCATGTCTCGGCTCAAGGACCCAAACATC 2281
CGGTCCTTACTAAAAGAATTCTCTATTTCTAGTACAGAGCCGAGTTCTCTGGGTTTGTAG

b A R N D F L K E I K I M S R L K D P N I -

2282 ATCCATCTATTAGCTGTGTGTATCACTGATGACCCTCTCTGTATGATCACTGAATACATG 2341
TAGGTAGATAATCGACACACATAGTACTACTGGGAGAGACATACTAGTGACTTATGTAC

b I H L L A V C I T D D P L C M I T E Y M -

2342 GAGAATGGAGATCTCAATCAGTTTCTTTCCGCCACGAGCCCCCTAATTCTTCTCCAGC 2401
CTCTTACCTCTAGAGTTAGTCAAAGAAAGGGCGGTCTCGGGGATTAAGAAGGAGGTGG

E N G D L N Q F L S R H E P P N S S S S -

2402 GATGTACGCACTGTCAGTTACCAATCTGAAGTTTATGGCTACCCAAATTGCCTCTGGC 2461
CTACATGCGTGACAGTCAATGTGGTTAGACTTCAAATACCGATGGGTTTAACGGAGACCG

b D V R T V S Y T N L K F M A T Q I A S G -

2462 ATGAAGTACCTTTCTCTCTTAATTTTGTTCACCGAGATCTGGCCACAGAACTGTTTA 2521
TACTTCATGGAAGGAGAGAATTAACAAGTGGCTCTAGACCGGTGTGCTTTGACAAAT

b M K Y L S S L N F V H R D L A T R N C L -

2522 GTGGTAAGAACTACACAATCAAGATAGCTGACTTTGGAATGAGCAGGAACCTGTACAGT 2581
CACCCATTCTTGATGTGTAGTTCTATCGACTGAAACCTTACTCGTCCTTGGACATGTCA

b V G K N Y T I K I A D F G M S R N L Y S -

2582 GGTGACTATTACCGATCCAGGGCCGGCAGTGCTCCCTATCCGCTGGATGTCTTGGGAG 2641
CCACTGATAATGGCTAGGTCCCGGCCGTCACGAGGGATAGGCGACCTACAGAACCCTC

b G D Y Y R I Q G R A V L P I R W M S W E -

FIG.3F



2642 AGTATCTTGCTGGGCAAGTTCACTACAGCAAGTGATGTGTGGGCCTTTGGGGTTACTTTG 2701
TCATAGAACGACCCGTTCAAGTGATGTGCTTCACTACACACCCGAAACCCCAATGAAAC
b S I L L G K F T T A S D V W A F G V T L -
2702 TGGGAGACTTTCACCTTTTGTCAAGAACAGCCCTATTCCCAGCTGTCAGATGAACAGGTT 2761
ACCTCTGAAAGTGAAAACAGTTCTTGTGGGATAAGGTCGACAGTCTACTTGTCCAA
b W E T F T F C Q E Q P Y S Q L S D E Q V -
2762 ATTGAGAATACTGGAGAGTTCTTCCGAGACCAAGGGAGGCAGACTTACCTCCCTCAACCA 2821
TAACTCTTATGACCTCTCAAGAAGGCTCTGGTTCCCTCCGTCTGAATGGAGGGAGTTGGT
b I E K T G E F F R D Q G R Q T Y L P Q P -
2822 GCCATTTGTCCTGACTCTGTGTATAAGCTGATGCTCAGCTGCTGGAGAAGAGATACGAAC 2881
CGGTAAACAGGACTGAGACACATATTCGACTACGAGTCGACGACCTCTTCTCTATGCTTC
b A I C P D S V Y K L M L S C W R R D T K -
2882 AACCGTCCCTCATTCCAAGAAATCCACCTTCTGCTCCTTCAACAAGCGACGAGTGATGC 2941
TTGGCAGGGAGTAAGGTTCTTTAGGTGGAAGACGAGGAAGTTGTTCCGCTGCTCACTACG
b N R P S F Q E I H L L L L Q Q G D E -
2942 TGTCACTGCCTGGCCATGTTCTTAAGGCTCAGGTCCTCCCTACAAGACCTACCACTCACC 3001
ACAGTCACGGACCGGTACAAGGATGCCGAGTCCAGGAGGGATGTTCTGGATGGTGAGTGG
b CATGCCTATGCCACTCCATCTGGACATTTAATGAAACTGAGAGACAGAGCCTTGTTTGCT -
3002 GTACGGATACGGTGAGGTAGACCTGTAAATTACTTTGACTCTCTGTCTCGAACAACGA 3061

FIG.3G



b

3062 TTGCCCTCTTTTCTGGTCACCCCACTCCCTACCCCTGACTCATATATACTTTTTTTTT 3121
AACGGGAGAAAAGGACCAGTGGGGTGAGGATGGGGACTGAGTATATATGAAAAAAAAA

b

3122 TTACATTAAAGAACTAAAAAAAAAAAAAAAAAAGCG 3158
AATGTAATTTCTTGATTTTTTTTTTTTTTTTTTCCGC

b

FIG.3H



1	MILIPRMLLVLFLLLPILSSA...KAQVNPACRYPLGMSGGQIPDEDIT	47 CCK-2
1	..MGPEALSSLLLLLVASGDADMKGHFDPAKCRYALGMQDRTIPSDIS	48 MCK-10
48	ASSQWSESTAAKYGRLDSEEGDGAWCPPIVPEPDDLKEFLQIDLHTLHF	97
49	ASSWSDSSTAARHSRLESSDGDGAWCPAGSVFPKE.EEYLQVDLQRLHLV	97
98	TLVGTQGRRAGGCHGIEFAPMYKINYSRDGTRWISWRNRHGKQVLDGNSNP	147
98	ALVGTQGRHAGGLGKEFSRSYRLRYSRDGRRMGWKDRWGQEVISGNEDP	147
148	YDIFLKDLEPPIVARFVRFIPVTDHSMNVCMRVELYGCWLDGLVSYNAP	197
148	EGVVLKDLGPPMVARLVRFYPRADRVMSVCLRVELYGCLWRDGLLSYAP	197
198	AGQQFVLPGGSI IYLNDSVYDG.AVGYSMTEGLQLTQGVSGLDQDFQTTH	246
198	VGQTMYLSEA..VYLNDSTYDGHTVGGLQYGGGLQGLADGVVGLDDFRKSO	245
247	EYHWPYGYDYVGNRESATNGYIEIMFEFDRIRNFTTMKVHCNMFAGKV	296
246	ELRVWPYGYDYVGSNHSFSSGYVEMEFEDRLRAFOAMQVHCNMMHTLGA	295
297	KIFKEVQC.YFRSEASEWVPNAISFPLVLDVNP SARFVTVPLHHRMASA	345
296	RLPGGVECRFRRGPAWAGEPMRHNLCGNLGDPRARAVSVPLGGRVARF	345
346	IKQYHFADTMMFSEITFQSDAAMYNSEALPTS.....	380
346	LQCRFLFAGPWLLFSEISFISD.VVNNSSPALGGTFPPAPWMPGPPPTN	394
381PMAPTTYDPMKVDOSNTRILIGCLVAIFILLATIVITLWQFWQ	426 TRANSMEMBRANE
395	FSSLELEPRGQOPVAKAEGSPTAILIGCLVAITLLLLLIALMLWRLHWR	444 REGION
427	KMLEKASRRMLDDEMTVSLSLPSDSSMFMNNRSSSPSEQGSNSTYDRIFP	476
445	RLLSKAERRVLEEELTVHLSVPGDTILINRPGPREP.....	481

FIG.4A

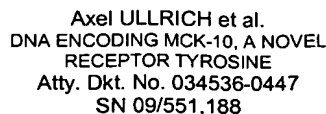


FIG. 4B

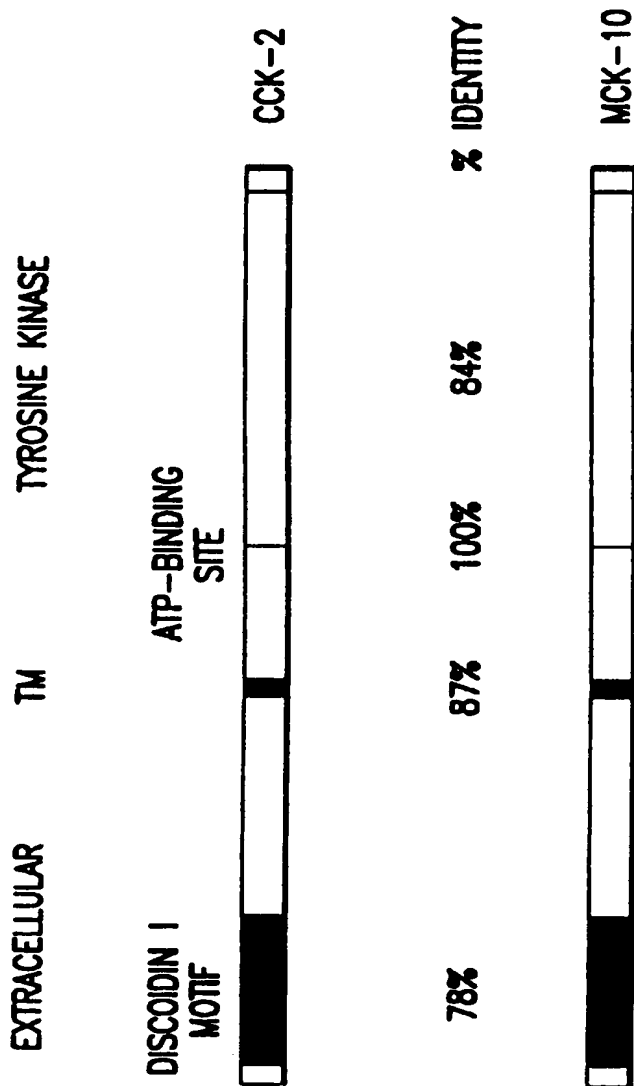


FIG.4C

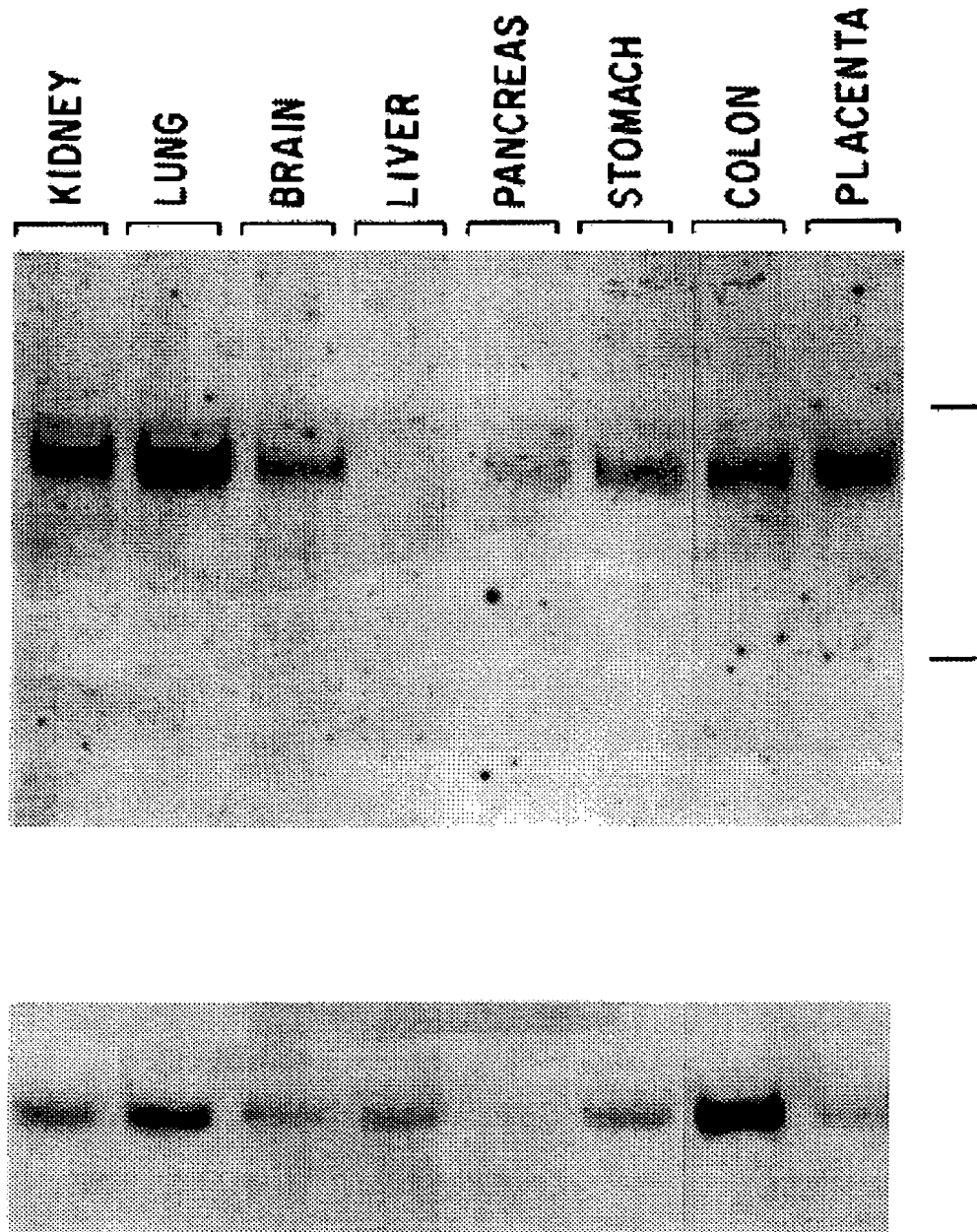


FIG.5A

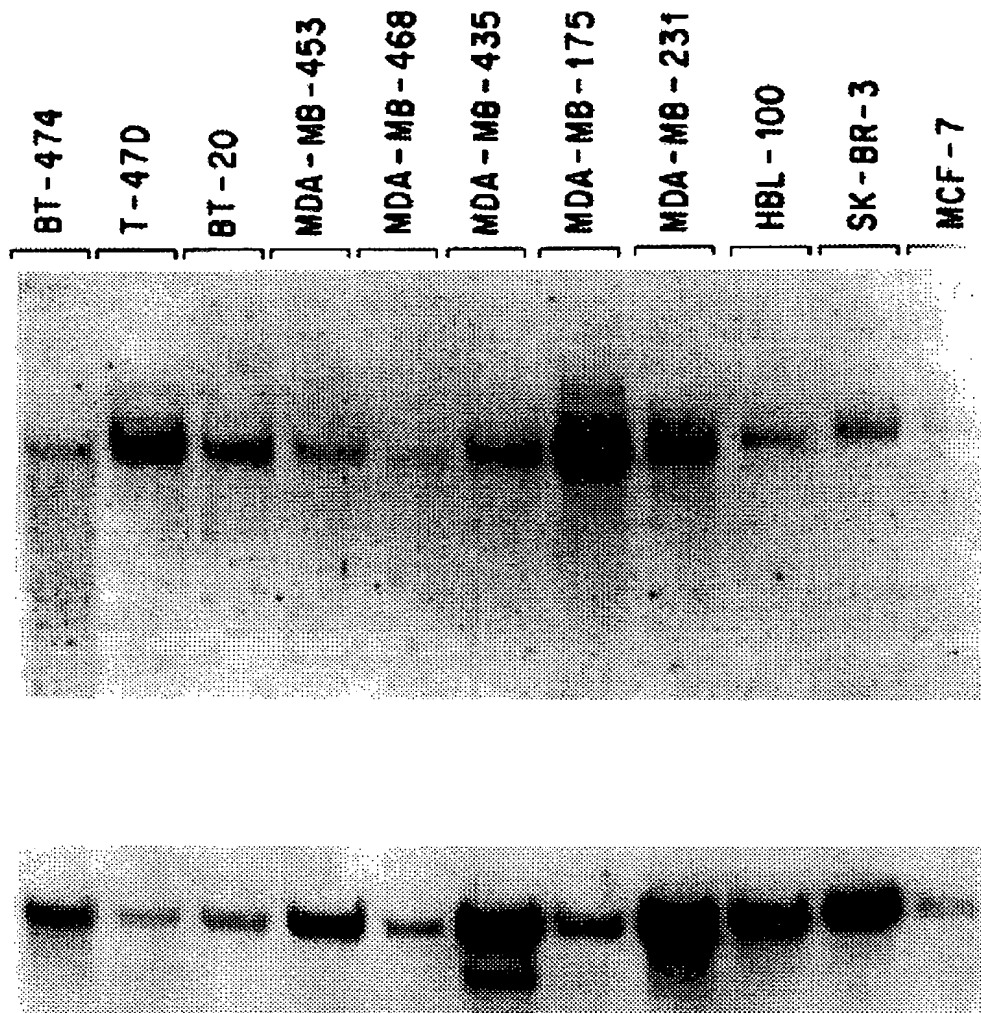


FIG.5B

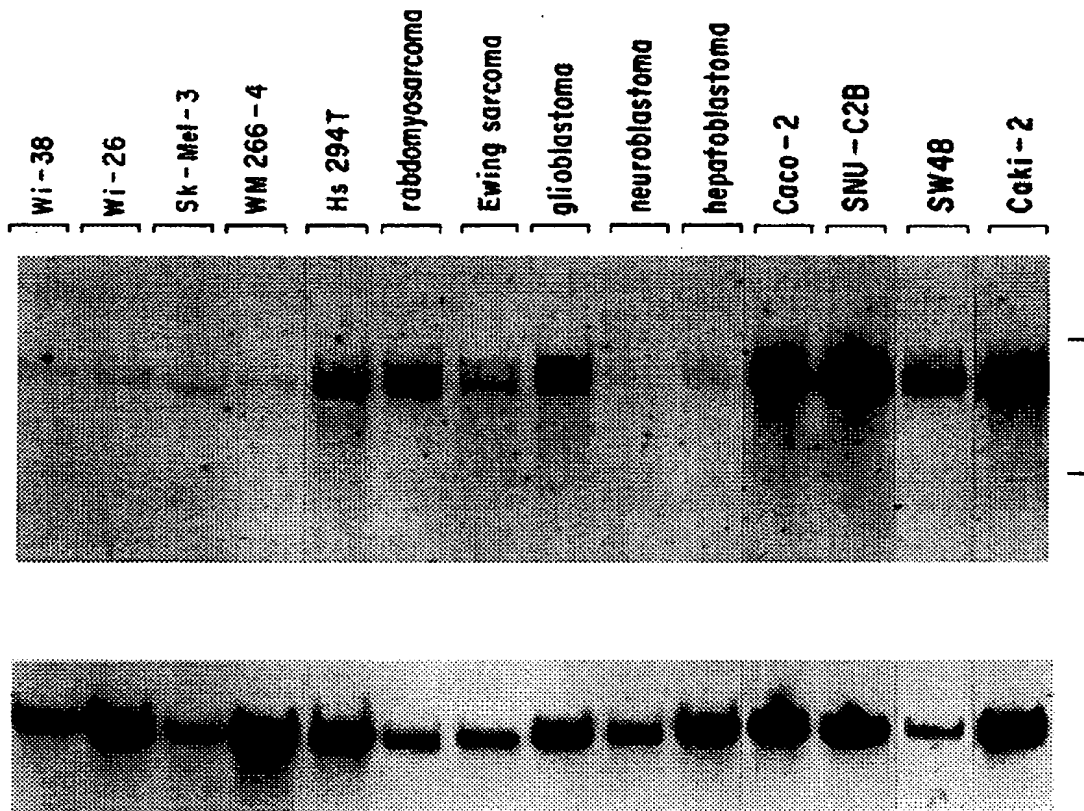
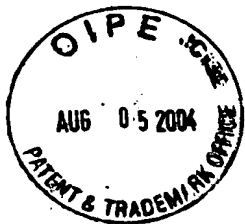


FIG.5C

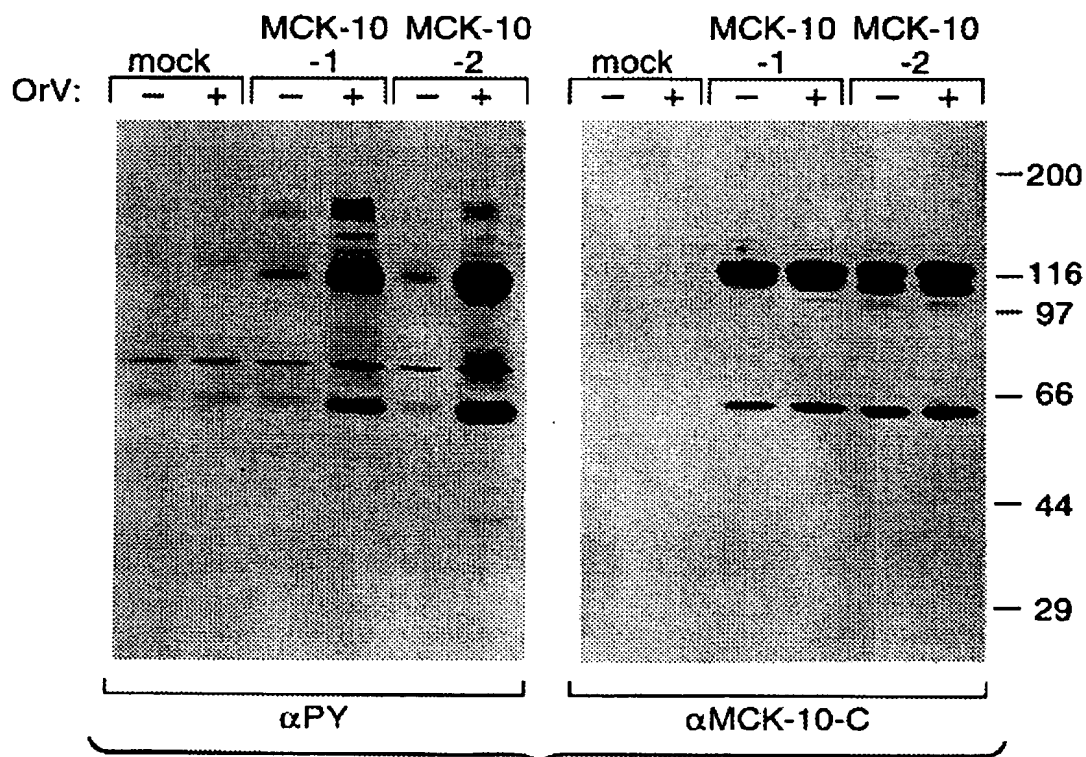


FIG.6A

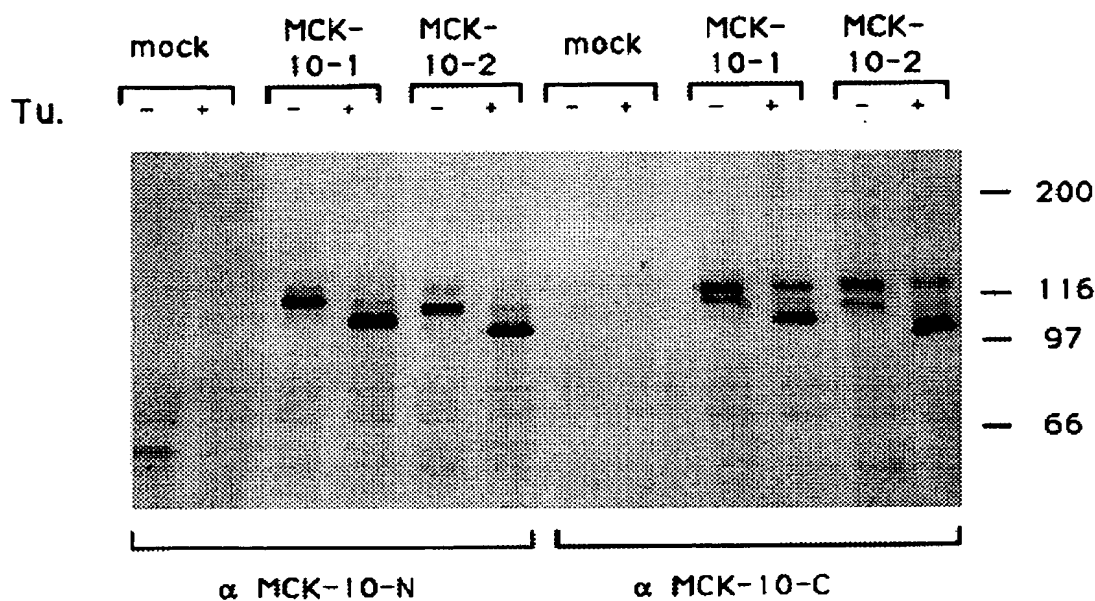
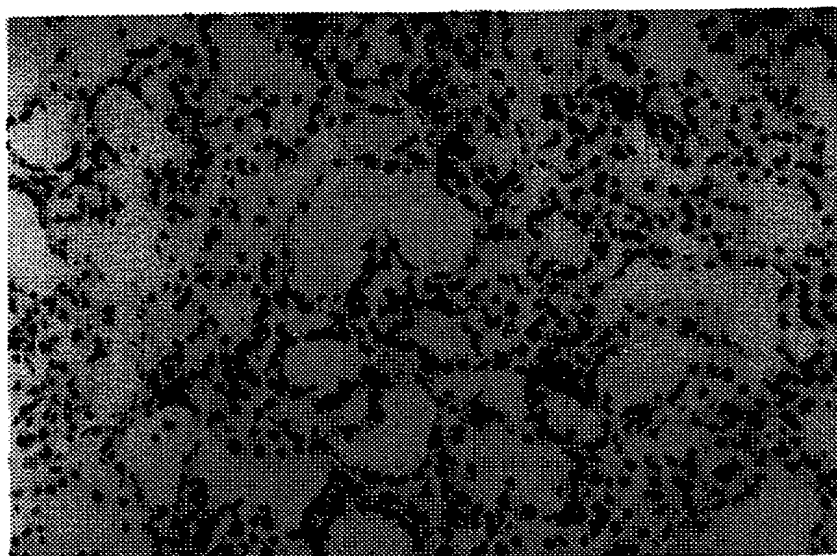


FIG.6B

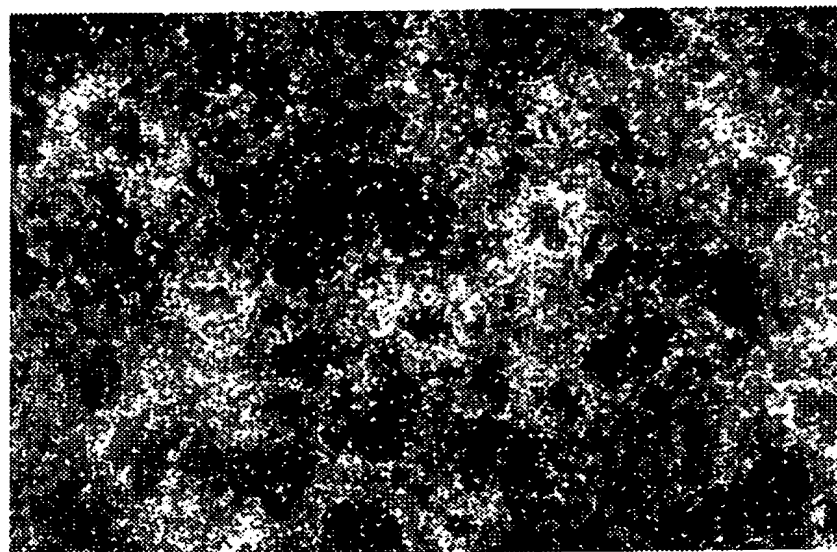


Axel ULLRICH et al.
DNA ENCODING MCK-10, A NOVEL
RECEPTOR TYROSINE
Atty. Dkt. No. 034536-0447
SN 09/551,188



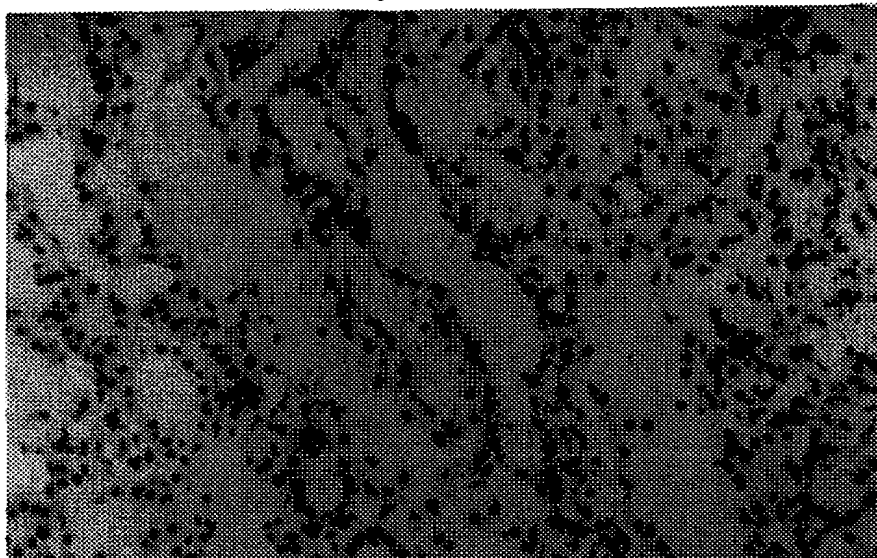
Lightfield

FIG.7A



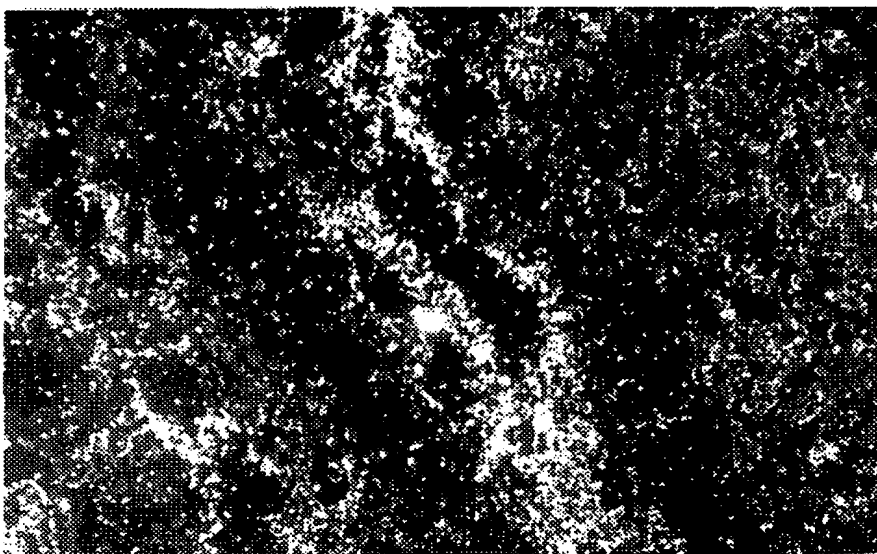
Darkfield

FIG.7B



Lightfield

FIG.8A

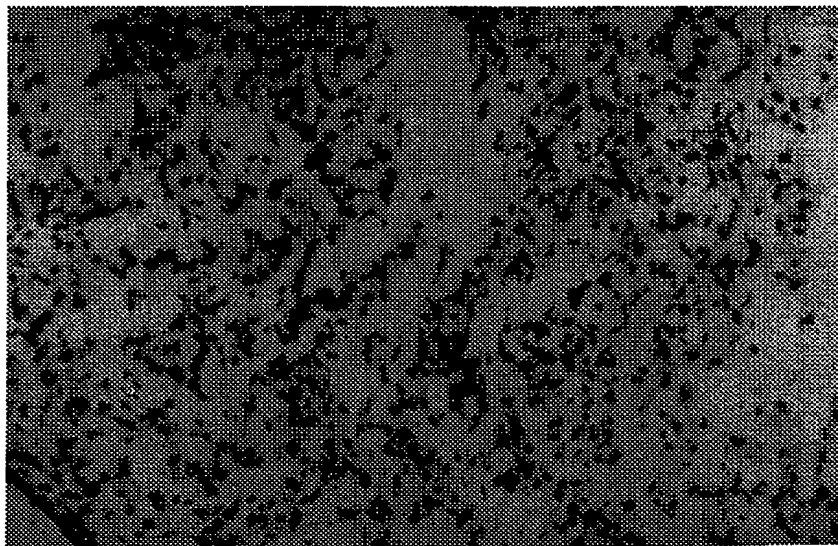


Darkfield

FIG.8B

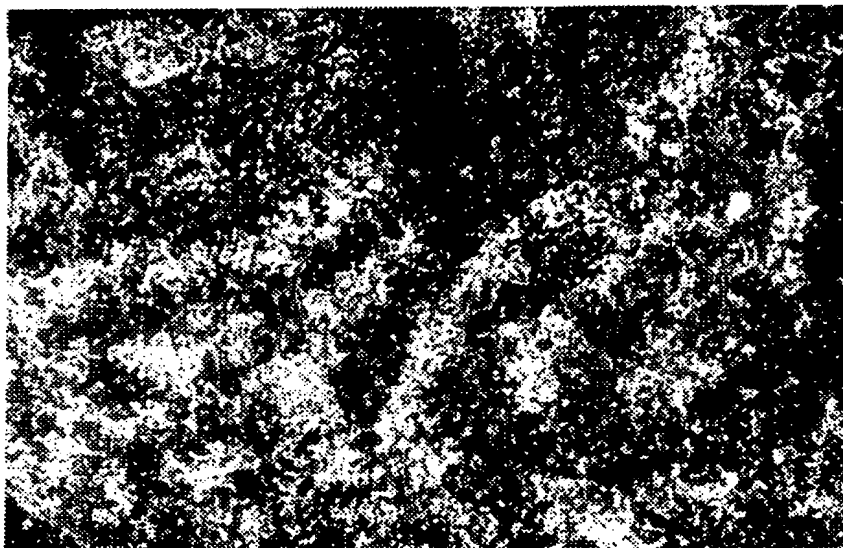


Axel ULLRICH et al.
DNA ENCODING MCK-10, A NOVEL
RECEPTOR TYROSINE
Atty. Dkt. No. 034536-0447
SN 09/551,188



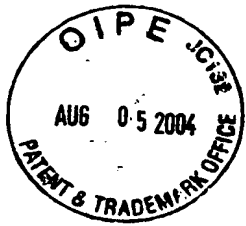
Lightfield

FIG.9A

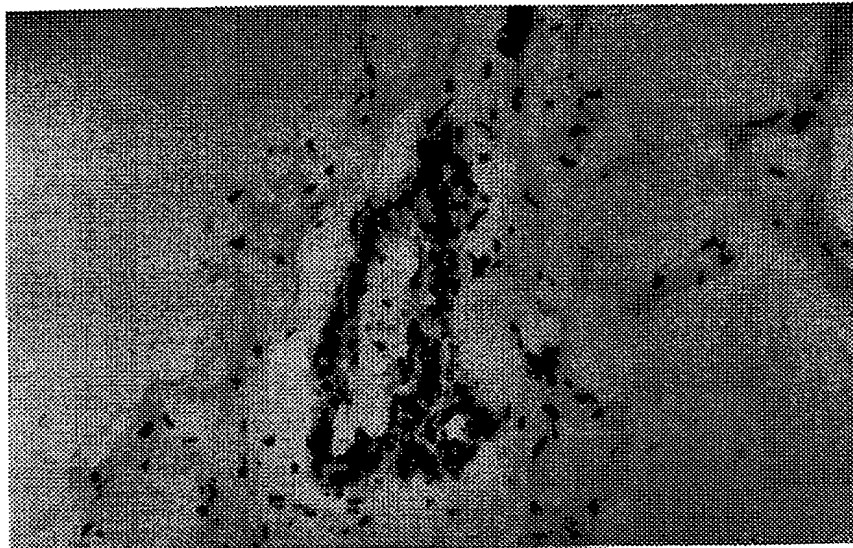


Darkfield

FIG.9B

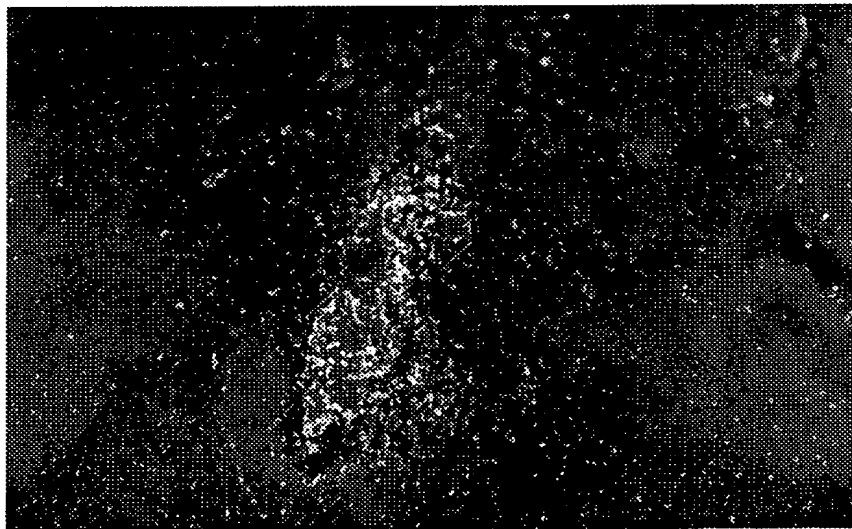


Axel ULLRICH et al.
DNA ENCODING MCK-10, A NOVEL
RECEPTOR TYROSINE
Atty. Dkt. No. 034536-0447
SN 09/551,188



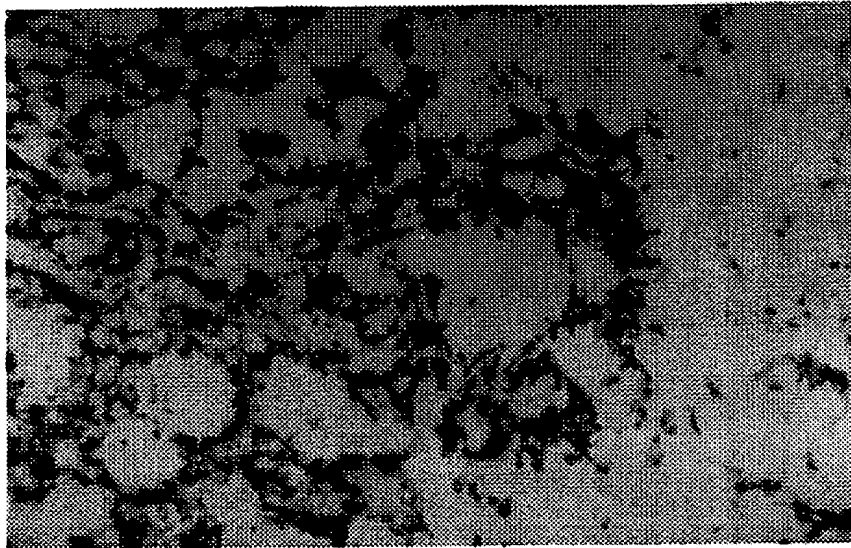
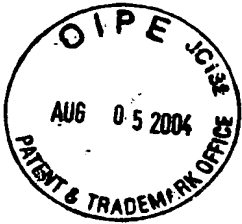
Lightfield

FIG.10A



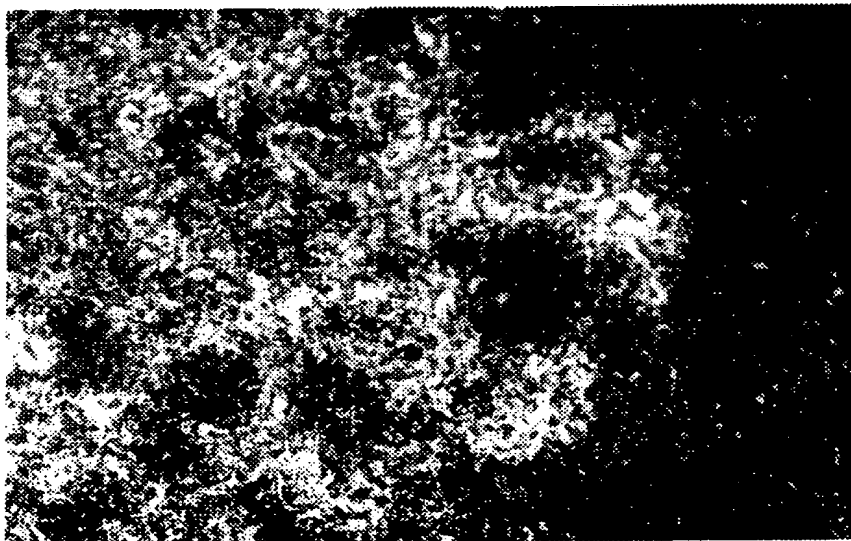
Darkfield

FIG.10B



Lightfield

FIG.11A

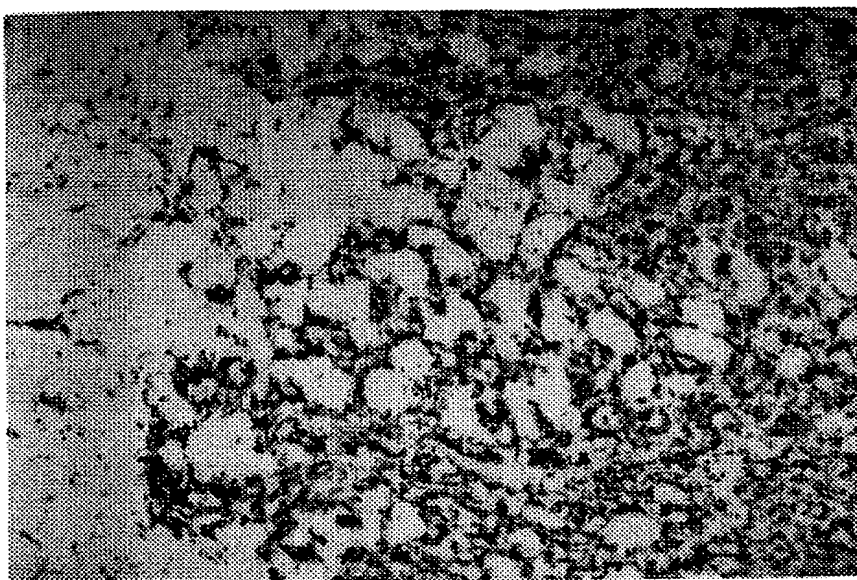


Darkfield

FIG.11B

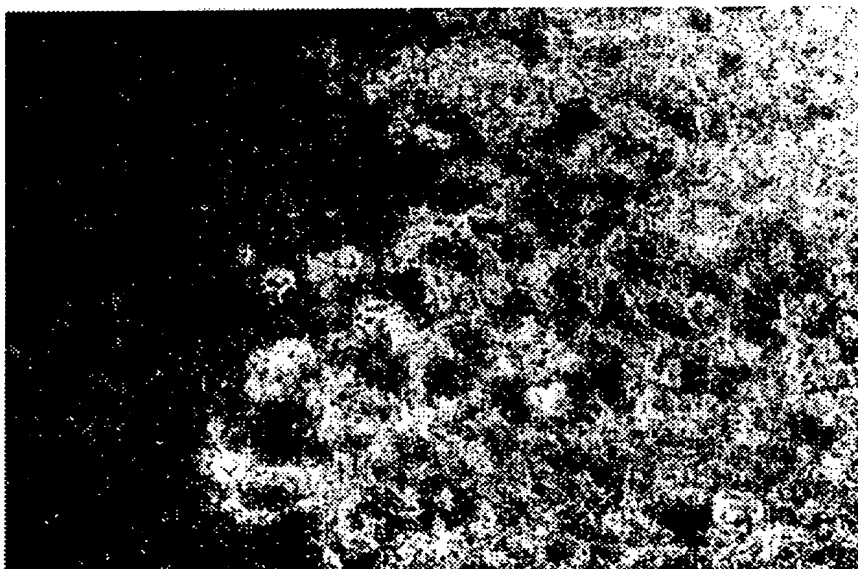


Axel ULLRICH et al.
DNA ENCODING MCK-10, A NOVEL
RECEPTOR TYROSINE
Atty. Dkt. No. 034536-0447
SN 09/551,188



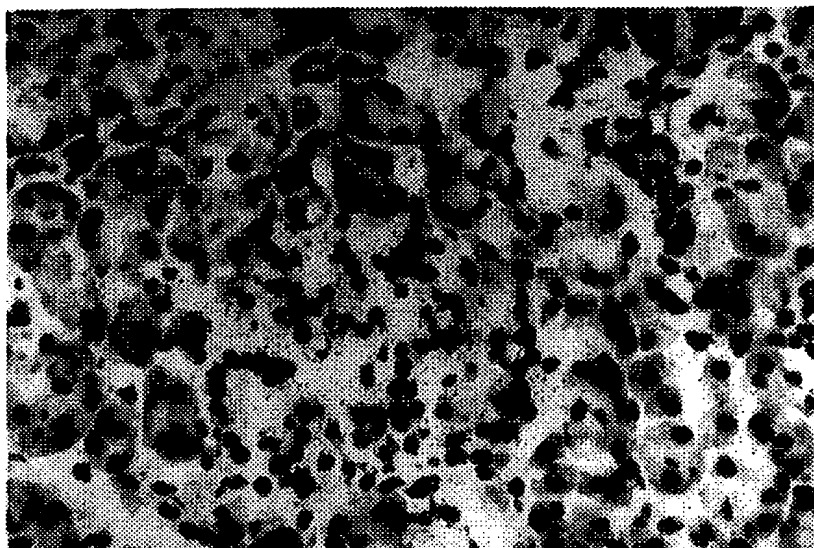
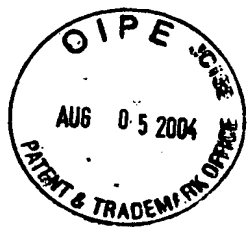
Lightfield

FIG.12A



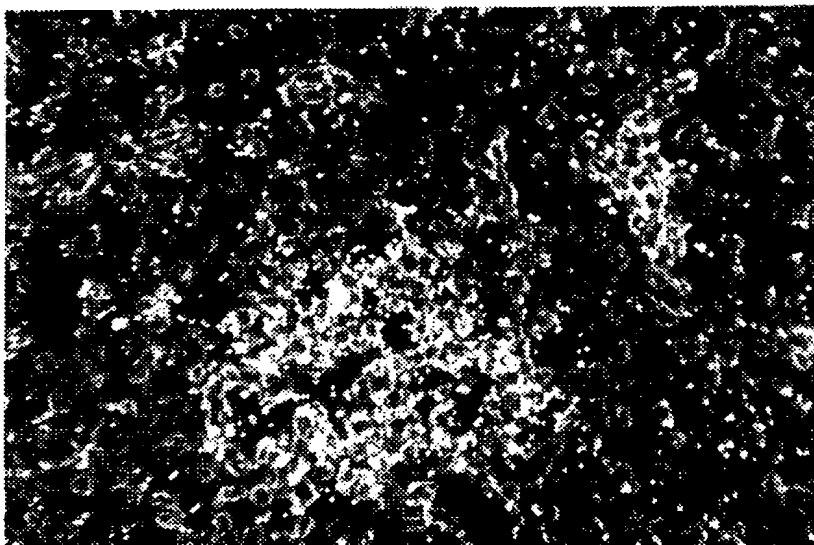
Darkfield

FIG.12B



Lightfield

FIG.13A

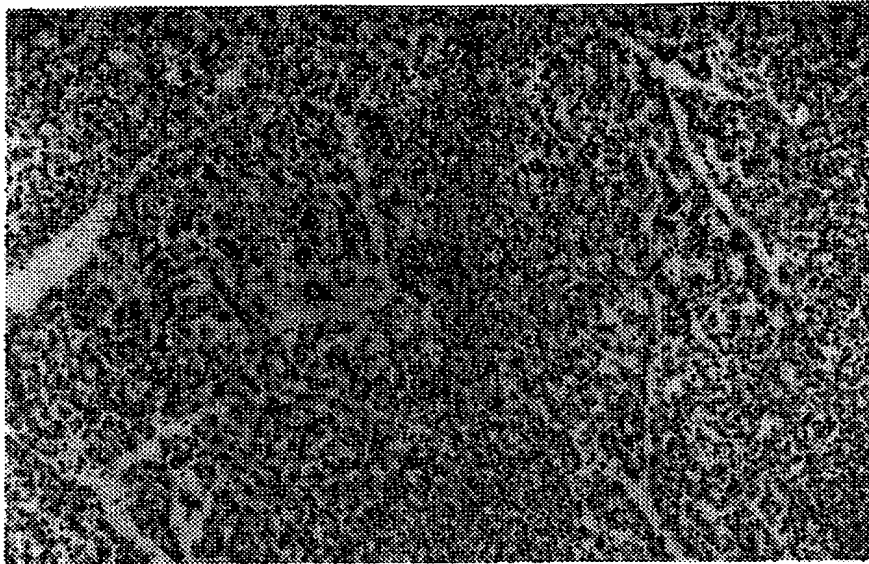


Darkfield

FIG.13B

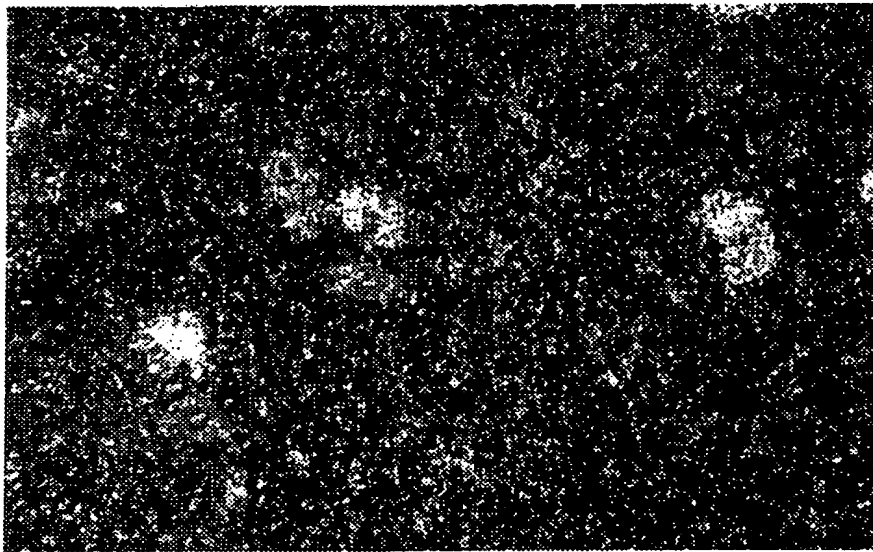


Axel ULLRICH et al.
DNA ENCODING MCK-10, A NOVEL
RECEPTOR TYROSINE
Atty. Dkt. No. 034536-0447
SN 09/551,188



Lightfield

FIG.14A

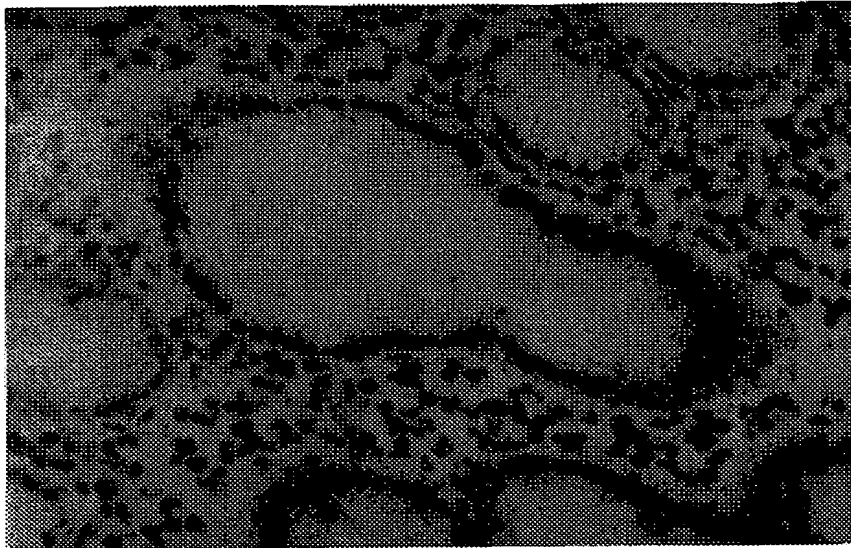


Darkfield

FIG.14B

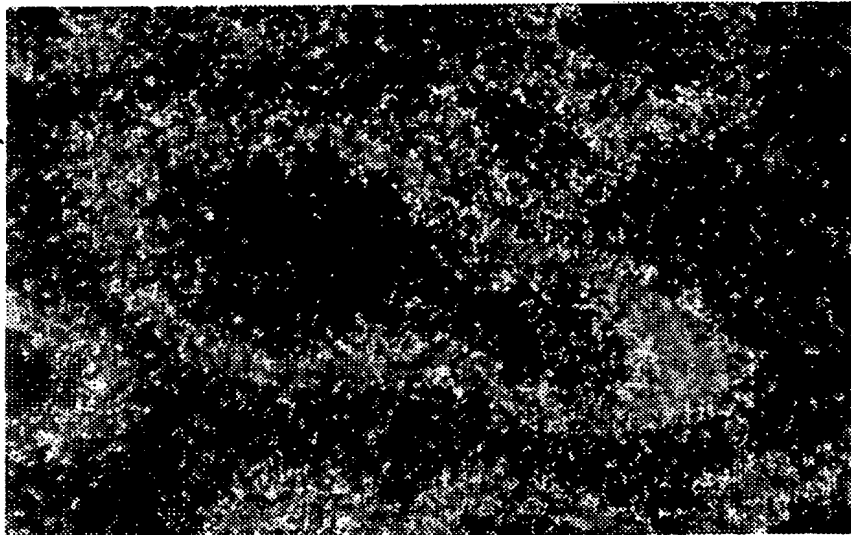


Axel ULLRICH et al.
DNA ENCODING MCK-10, A NOVEL
RECEPTOR TYROSINE
Atty. Dkt. No. 034536-0447
SN 09/551,188



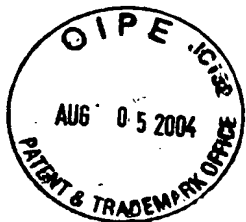
Lightfield

FIG.15A

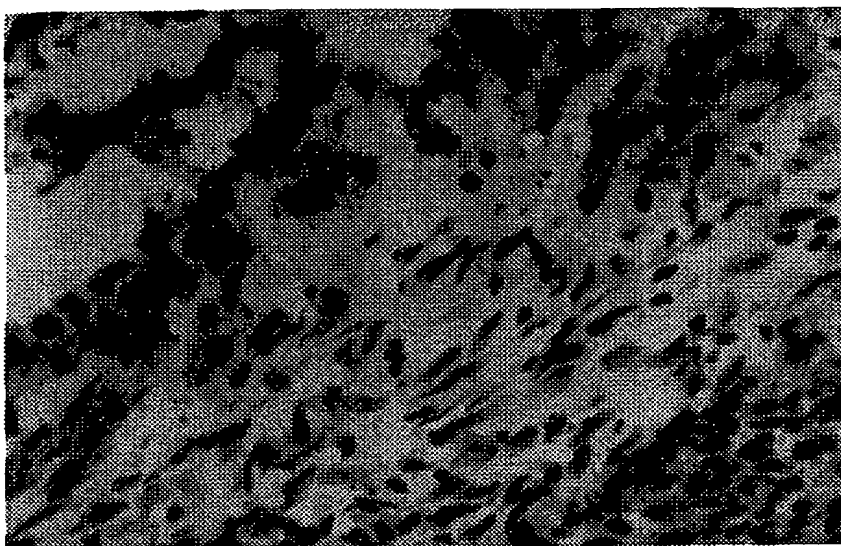


Darkfield

FIG.15B

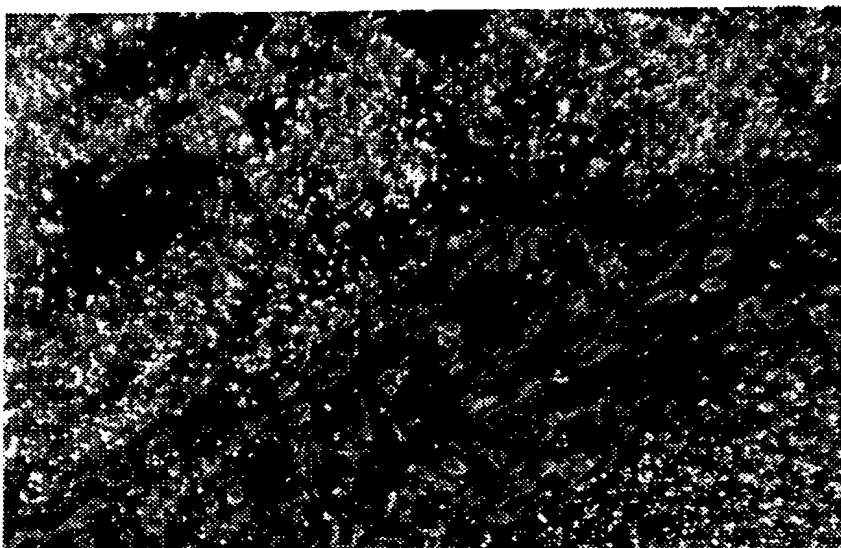


Axel ULLRICH et al.
DNA ENCODING MCK-10, A NOVEL
RECEPTOR TYROSINE
Atty. Dkt. No. 034536-0447
SN 09/551,188



Lightfield

FIG.16A



Darkfield

FIG.16B

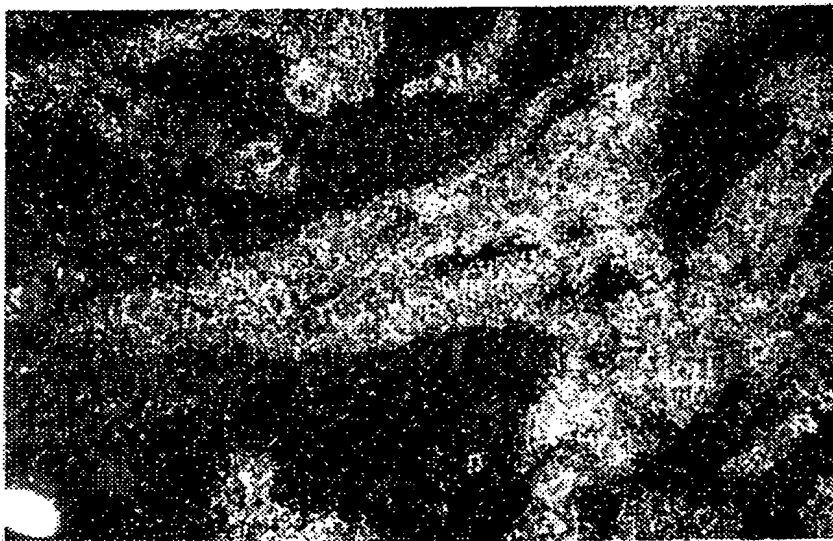


Axel ULLRICH et al.
DNA ENCODING MCK-10, A NOVEL
RECEPTOR TYROSINE
Atty. Dkt. No. 034536-0447
SN 09/551,188



Lightfield

FIG.17A

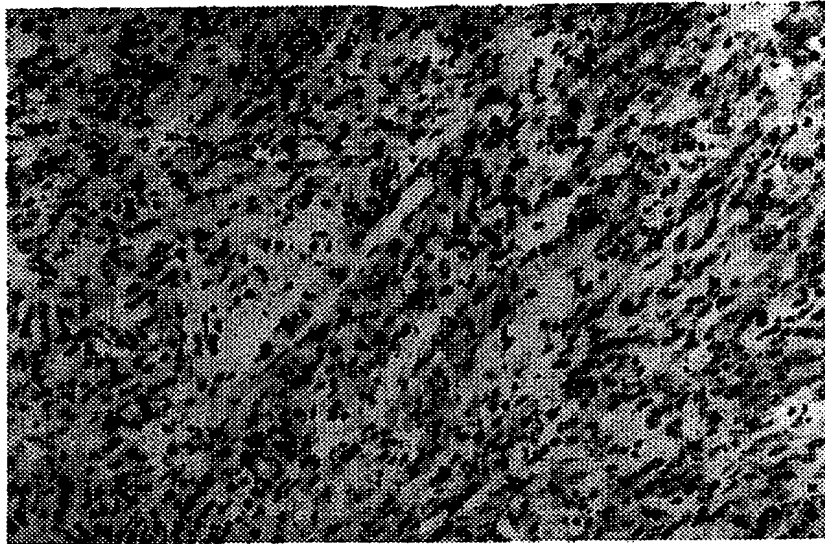


Darkfield

FIG.17B

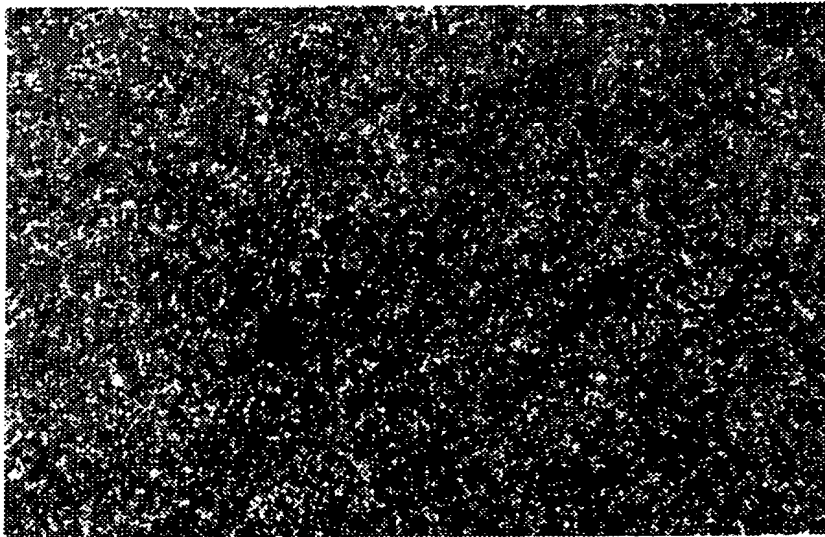


Axel ULLRICH et al.
DNA ENCODING MCK-10, A NOVEL
RECEPTOR TYROSINE
Atty. Dkt. No. 034536-0447
SN 09/551,188



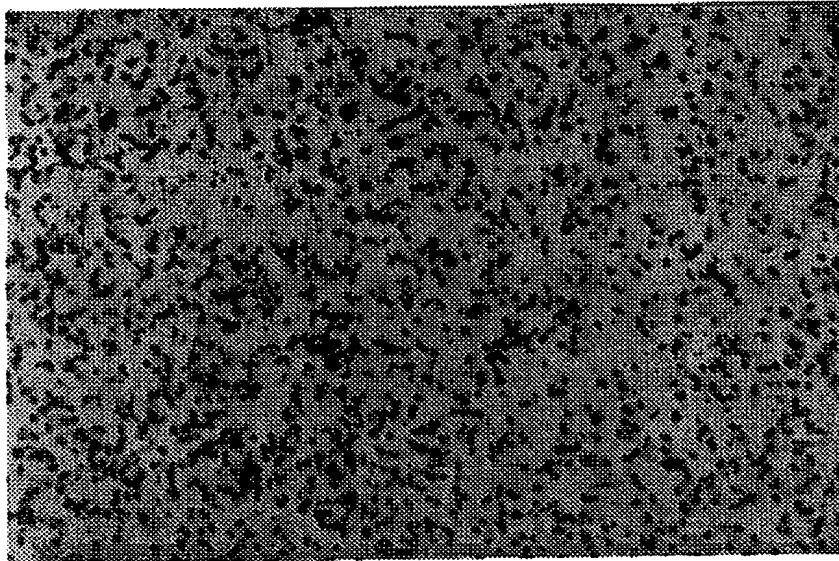
Lightfield

FIG.18A



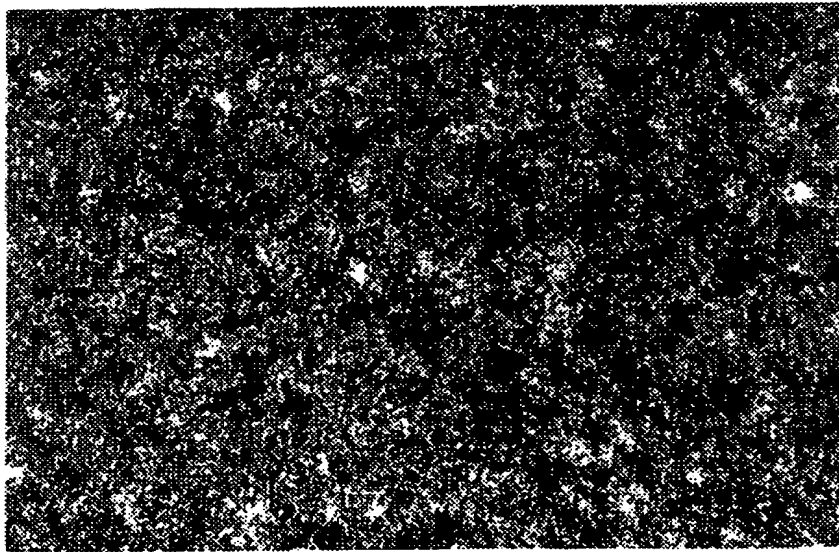
Darkfield

FIG.18B



Lightfield

FIG.19A

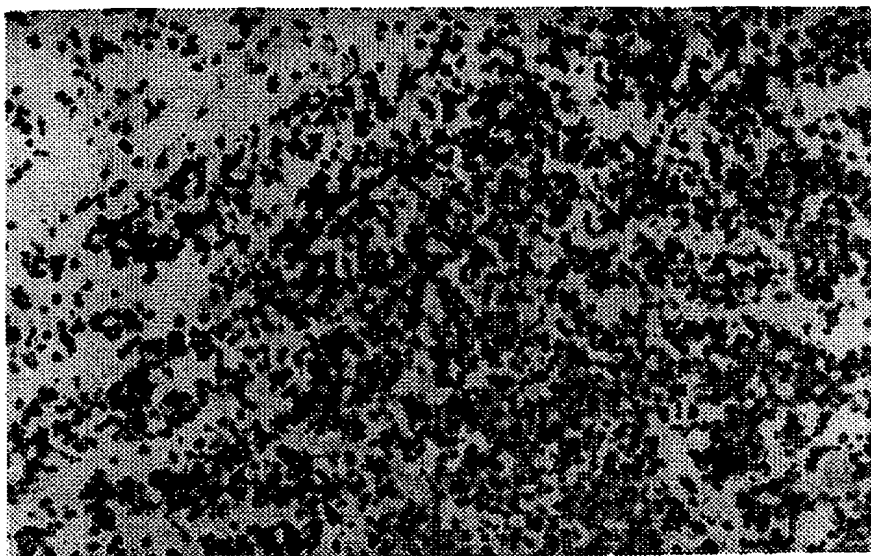


Darkfield

FIG.19B

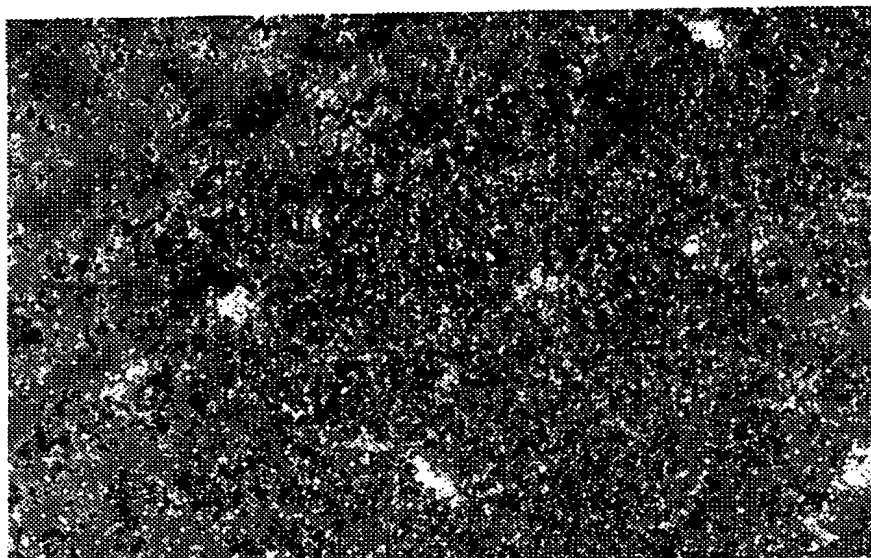


Axel ULLRICH et al.
DNA ENCODING MCK-10, A NOVEL
RECEPTOR TYROSINE
Atty. Dkt. No. 034536-0447
SN 09/551,188



Lightfield

FIG.20A

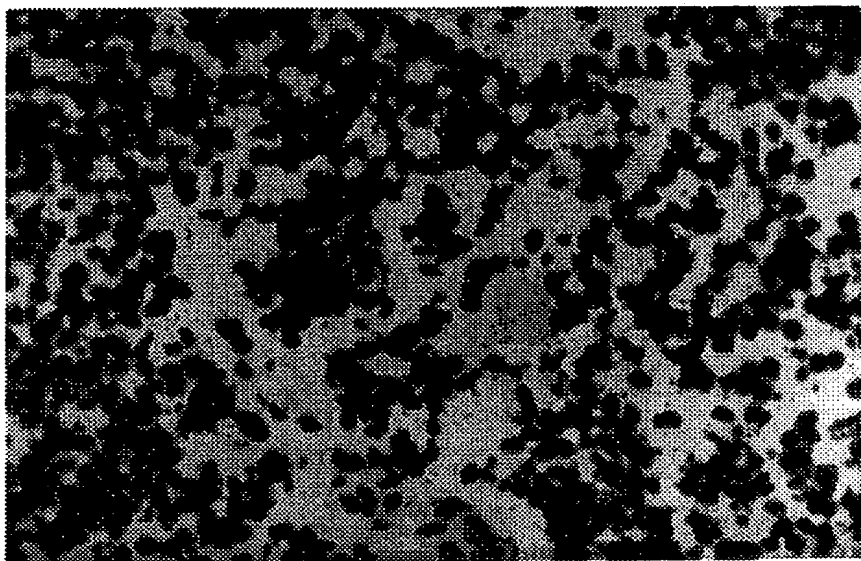


Darkfield

FIG.20B

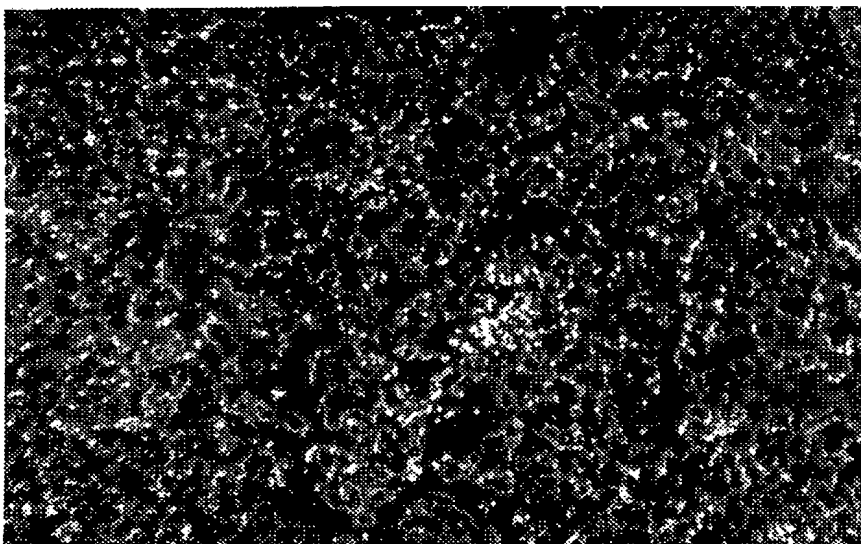


Axel ULLRICH et al.
DNA ENCODING MCK-10, A NOVEL
RECEPTOR TYROSINE
Atty. Dkt. No. 034536-0447
SN 09/551,188



Lightfield

FIG.21A



Darkfield

FIG.21B